Please amend the application as set forth below.

In the Claims:

1. (Currently Amended)   A method for transmitting information about a synchronous system to [an]a mobile station in an asynchronous mobile communication system including one or more at least one mobile station and one or more at least one asynchronous radio network, the method comprising the steps of:

a) by the asynchronous radio network, acquiring handover-related information from a plurality of neighboring synchronous systems;

b) determining to handover based on a measurement value from the mobile station;

c) if a system for a handover is the synchronous system, by the asynchronous radio network, transmitting a first message including activation time information and long code state information to the mobile station; and

d) after receiving the activation time information and the long code state information, by the mobile station, making use of the long code state information based on the activation time information[.],

wherein the first message further includes an inter-system handover message that is transmitted to the mobile station at the time of the handover from one system to the other system.

2. (Original)   The method as recited in claim 1, wherein the handover-related information includes the long code state information, neighbor list information and PN offset information.

3. (Original)   The method as recited in claim 1, wherein the first message

includes a system information message loaded on a broadcast control channel that is

periodically transmitted to the mobile station.

4. (Original)   The method as recited in claim 1, wherein the first message further

includes a measurement control message that the mobile station needs to measure one or

more neighboring systems.

5. (Cancelled)

6. (Currently Amended)   The method as recited in claim [5]1, wherein the inter-

system handover message is transmitted to the mobile station by inserting the long code

state information into a first subfield within an inter-system message included in the inter-

system handover message in order to provide the mobile station with the long code state

information.

7. (Original)   The method as recited in claim 6, wherein the first subfield is a

NOTE2 field including the long code state information, the NOTE2 field included in a

message field within the inter-system message.

8. (Original)   The method as recited in claim 6, wherein the inter-system

handover message further includes another inter-system message having a second subfield

in order to inform the mobile station of the long code state information.

9. (Original)   The method as recited in claim 8, wherein the second subfield is a

LC_STATE field including the NOTE2 field including the long code state information.

10. (Original)   The method as recited in claim 1, wherein the measurement value

is calculated based on a radio environment of each neighboring synchronous system

around the mobile station.